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Voluntary _ Public

Date: 6/17/2013

GAIN Report Number: RS1335

Russian Federation

Post: Moscow

Russian Government Continues to Support Cattle Sector

Report Categories:

Livestock and Products
Policy and Program Announcements
Agricultural Situation

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Report Highlights:

Russia's live animal imports have soared in recent years, as the Federal Government has supported the rebuilding of the beef and cattle sector in Russia. This sector had been in continual decline since the break-up of the Soviet Union, but imports of breeding stock have resulted in a number of modern ranches. The Russian Federal and oblast governments offer a series of support programs meant to stimulate livestock development in the Russian Federation over the next seven years which are funded at hundreds of billions of Russian rubles (almost \$10 billion). These programs are expected to lead to a recovery of the cattle industry. Monies have been allocated for both new construction and modernization of old livestock farms, purchase of domestic and imported of high quality breeding dairy and beef cattle, semen and embryos; all of which should have a direct and favorable impact on livestock genetic exports to Russia through 2020.

General Information:

Trade

Russia's live animal imports have soared in recent years, as the Federal Government has supported the rebuilding of the beef and cattle sector in Russia. This sector has been in decline since the break-up of the Soviet Union, but imports of breeding stock have resulted in a number of modern ranches which are expected to lead to a recovery of the cattle industry. Imports are primarily supported through subsidized interest rates for loans. In 2012, Russian imports of live cattle rose by almost 50 percent in volume and value, to 137,000 head worth nearly half a billion dollars. Of this amount, the United States had the largest share, at over 54 percent of total imports, and Russia was the largest market in the world for U.S. cattle exports in 2012. Most of these exports are of bred heifers of beef breeds, but exports of dairy breeds have also shown very strong growth. Most of imported cattle were destined for Bryansk, Voronezh and Kaliningrad oblasts (mostly beef cattle), and Tumen oblast, the Republic of Tatarstan, Volgograd, Penza oblast and Vladimir oblast (mostly dairy cattle)

■ United States, 54% ■ Australia, 27% ■ EU-27, 18% ☐ Canada, 1%

Chart 1. Market Share in Total Russian Imports of Live Bovine Animals 0102 in 2012

Source: Russian Customs Data

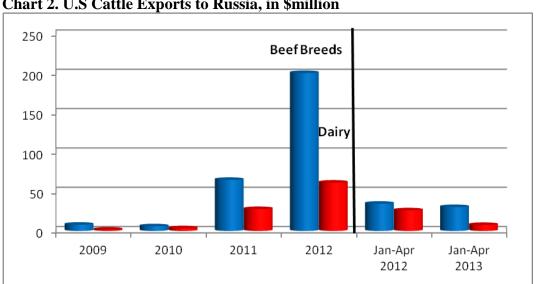


Chart 2. U.S Cattle Exports to Russia, in \$million

Source: United States Census Data

The pace of imports so far in 2013 has slowed, both from the United States as well as total imports, as many large buyers have reached credit limits which constrains future herd expansion through imports. However, it is expected that with continued government support, new buyers will enter the market.

In addition, even if live animal sales decline, Russia remains a very strong growth market for bovine semen. Imports in the first 4 months of 2013 have been up 70 percent from last year. Relative to Russia's herd size, there is room for considerable expansion in sales. Sexed semen has become highly sought after to accelerate herd development. The United States currently has about 45 percent market share of the semen trade. Bovine embryos is also a market that could see considerable growth.

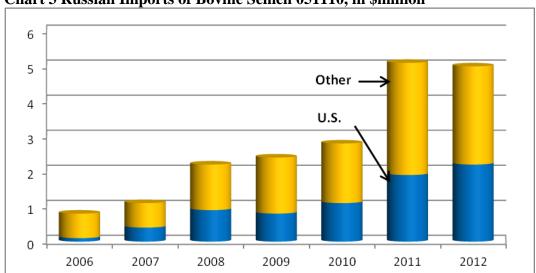


Chart 3 Russian Imports of Bovine Semen 051110, in \$million

Source: Russian Customs Data

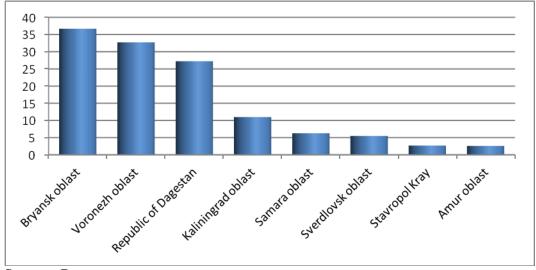
Cattle Populations by Region

The total cattle herd population in Russia has continued to decline (including down 1 percent in 2012) every year for more than 2 decades, and is now only $1/3^{rd}$ of the size in 1989. The largest cattle herd is in the Volga Federal District (5.9 million head), including the Republics of Bashkortostan (1.3 million head) and Tatarstan (1.3 million head), Central Federal District (2.9 million head), including Voronezh oblast (420,000 head) and Bryansk oblast (250,000 head), and the Siberian Federal District (4.3 million head), including Altay Kray (860,000 head), Transbaikal Territory (470,000 head), Novosibirsk oblast (530,000 head), and Krasnoyarsk Kray (440,000 head).

While total numbers continued to decline, the large scale importation of cattle has led to a strong increase in cattle numbers in select oblasts. Bryansk oblast (home to the cattle operation Bryansk Beef Company of Miratorg) and Voronezh oblast (home to the cattle operations of Stevenson-Sputnik, Zarechnoe, and Ekoniva) had the largest increases in cattle in agricultural establishments (i.e. large-scale farms) of any oblasts in 2012, at 23 percent and 15 percent

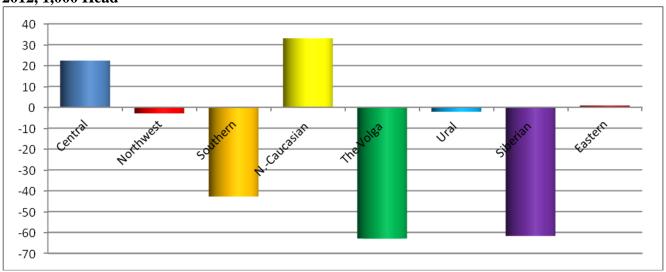
growth respectively. Both of these oblasts are located in the Central Federal District, which along with the North Caucasian, were only 2 Federal Districts that showed substantial positive growth in cattle numbers. Also, Kaliningrad oblast (also home to a large Miratorg ranch) showed strong growth.

Chart 4 Cattle Inventories at Agricultural Establishments, the Fastest Growing Oblasts in 2012, 1,000 Head



Source: Rosstat

Chart 5 Cattle Inventories at Agricultural Establishments, Change By Federal District in 2012, 1,000 Head



Source: Rosstat

Chart 6 Cattle Inventories at Agricultural Establishments, Total By Federal District and



Source: Rosstat

Government Support

Overview of 2013-2020 State Program

On July 14, 2012, the Russian Government adopted the State Program for the Development of Agriculture and the Regulation of Agricultural Commodity Markets for 2013-2020 (2013-2020 State Program) via Russian Government Resolution #717.

http://government.consultant.ru/page.aspx?1622242.

The Program consists of six individually budgeted sub-programs and four target programs. The development of the livestock industry remains a top priority for the Ministry of Agriculture which advocated for the inclusion of two sub-programs devoted to developing Russia's livestock industry:

- The "Development of Animal Production, Processing and Marketing of Products of Animal Origin" envisages 499.37 billion rubles (approximately \$7 billion) from the Federal budget to be allocated over the course of 7 years; and,
- The "Development of the Beef Cattle Industry" envisages 65.39 billion rubles (approximately \$2 billion) from the Federal budget over the terms of the program.

Table 1. Value of Federal Budget Allocations for the 2013-2020 Program (in Billions), by Sub-Program, 2012 (estimate) and Plans for 2013-2020

	Unit	2012 (est.)	2013 (plan)	2014	2015	2016	2017	2018	2019	2020
Development of Animal	RUR	50.4	57.8	61.9	67.3	66.6	65.2	62.4	59.9	58.3
Production, Processing and Marketing of Products of Animal Origin	USD	1.68	1.93	2.06	2.24	2.22	2.17	2.08	2.00	1.94
	RUR	0	9.8	7.1	7.7	8.0	8.4	8.7	9.1	9.5
Development of {the} Beef Cattle Industry	USD	0	0.33	0.24	0.26	0.27	0.28	0.29	0.30	0.32

Source: http://government.consultant.ru/page.aspx?1622242

The Federal government explains in the 2013-2020 State Program that it also expects oblast-level governments to contribute an additional 274.87 billion rubles (approximately \$9 billion) to improve production, processing, and marketing of products of animal origin, and 41.55 billion rubles (approximately \$1.5 billion) for the development of the beef cattle industry over the course of the seven year program.

The sub-programs on the development of animal production, processing and marketing of products of animal origin encourage:

- the growth of cattle breeding stock with superior genetic productivity potential at Russia's leading breeding establishments (i.e., those which supply high quality livestock to various oblasts of the country).
- record keeping related to livestock origin and productivity,
- the annual assessment (bonitation) of animals,
- genetic testing
- identification of animals
- Federal funds from the Livestock Development sub-program can also be used to offset the interest rate for loans which are used for the purchase of breeding beef cattle to reduce the interest rate of the loan by as much as 80 percent, assuming the rate is based on the prevailing rates offered by the Central Bank of the Russian Federation.
- The program 2013-2020 also envisions a continuation of a number of tax incentives for agricultural producers, including tax exemptions on income, reduction of value added tax for all kinds of imported breeding livestock and genetics until 2020. These incentives are on top of a 2012 reduction to the value added tax rate (i.e. from 18 percent to 10 percent until the end of 2017) for purchases of many pedigree animals and genetics (e.g. cattle, pigs, sheep and goats, horses, hatching eggs, semen of pedigree bulls, pigs, sheep, goats, and stallions, and embryos of pedigree cattle, pigs, sheep, goats, and horses).

The program for the development of the beef cattle industry in 2013-2020 in Russia aims to establish a beef cattle breeding stock base in Russia that meets the need of domestic agriculture. Specifically, this program's goal is to:

- develop breeding and genetic centers;
- increase the production of high-quality breeding material and the marketing of this material in Russia;
- encourage breeding activity aimed at improving the productivity of animals;
- encourage purchases of high-quality breeding material to meet the requirements of the world market:
- reimburse the following production costs for agricultural establishments and private farms which are registered in the Russian Ministry of Agriculture's breeding register:
 - 1. maintaining of pedigree breeding livestock;
 - 2. maintaining breeding bulls for artificial insemination purposes;
 - 3. maintaining animals with proven high-quality offspring, or who's offspring are undergoing quality assessment;
 - 4. purchase of sires from domestic livestock artificial insemination organizations and abroad;
 - 5. purchase of semen from proven sires from domestic livestock artificial insemination organizations and abroad;
 - 6. purchase of embryos from domestic producers and abroad;

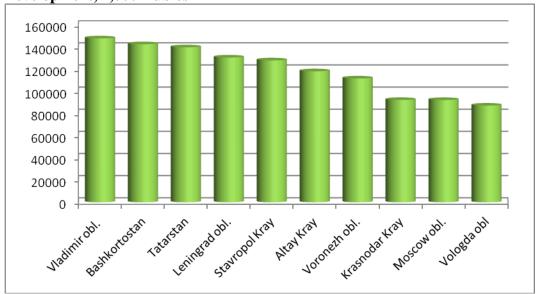
Expected Results of the Programs Implementation

Table 2. Expected results of the Programs Implementation in 2013-2020

Program	Index	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Beef Development Program in 2013-2020	Beef cattle inventories of beef breeds and crosses with dairy cattle, 1,000 head	1,830	1,990	2,160	2,340	2,525	2,720	2,925	3,140	3,360	3,590
Program of Livestock development	Fluid milk production MMT	31.65	32.08	32.5	32.9	33.65	34.35	35.15	36.0	37.0	38.2
in 2013-2020	Meat and poultry production for slaughter MMT	11.0	11.5	11.7	12.0	12.35	13.0	13.26	13.53	13.8	14.07

For 2013, the Ministry of Agriculture has announced that it will allocate 3.5 billion rubles (approximately \$110 million) for livestock breeding activities within the Livestock Development sub-program in (this is excluding subsidies under the beef production sub-program). Vladimir oblast will receive the most in funding at 148 million rubles of subsidies from this program, followed by the republic of Bashkordostan at 143 million rubles, and the republic of Tatarstan at 140 million rubles.

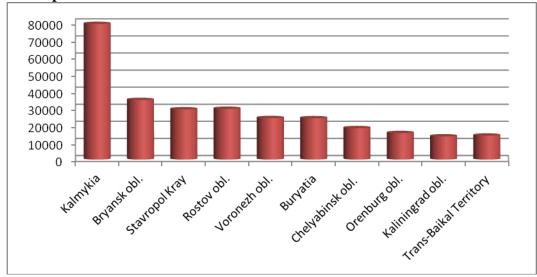
Chart 6. Subsidies for Breeding cattle , Sub-Program of Livestock Production Development, 1,000 Rubles



Source: Russian Ministry of Agriculture

Additionally, 400 million rubles (\$12.5 million) of funding for 2013 has been announced as support within the beef cattle development sub-program. The largest recipients of subsidies from this program are Republic of Kalmikiya with 79.4 million rubles, and Bryansk oblast with 34.9 million rubles.

Chart 7. Subsidies for breeding cattle, Sub-Program of Beef Cattle Production Development



Source: Russian Ministry of Agriculture

Additional Reports of Interest:

RS1323 – May 31, 2013 – Russian Government Discusses Additional Support for Meat and Dairy

RS1314 March 13, 2013 Federal Agricultural Budget in 2013

RS1303 January 28, 2013 GOR Resolutions on Distribution of Agricultural Subsidies

RS1243 June 25, 2012 Agricultural Domestic Support Programs

RS7051 – July 19, 2007 – Government Program for Agriculture and for Market Regulation 2008-2012

Appendix

Table 3. Subsidies from the State Budget for Livestock Breeding Programs of Animal Production (excluding beef cattle production), and Development of Beef Cattle Production Programs for 2013, in thousands of rubles.

##	Name of the Oblast	Beef Cattle Production Sub-Program	Development of Livestock Production Program (excluding beef cattle production sub- program)
		400,000.0	3,500,000
	The Central Federal District	75,209.1	900,302.4
1	Belgorod oblast	38.9	67,292.1
2	Bryansk oblast	34,883.0	37,693.6
3	Vladimir	N/A	148,216.8
4	Voronezh oblast	24,305.1	111,959.6
5	Ivanovo oblast	1,140.5	43,365.8
6	Kaluga oblast	5,089.3	23,135.5
7	Kostroma oblast	380.0	14,679.9
8	Kursk oblast	18.5	12,816.2
9	Lipetsk oblast	374.3	36,336.2
10	Moscow oblast	2,314.1	92,483.8
11	Moscow	N/A	N/A
12	Orel oblast	357.2	60,854.70

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13	Ryazan oblast	197.5	48,108.20
14	Smolensk oblast	110.0	51,102.40
15	Tambov oblast	423.5	13,349.20
16	Tver oblast	5,416.5	56,613.30
17	Tula oblast	75.3	38,201.70
18	Yaroslavl oblast	85.4	44,093.40
	North-West Federal District	15,843.3	405,999.4
19	The Republic of Karelia		12,025.9
20	The Republic of Komi	13.4	14,801.7
21	Arkhangelsk oblast	155.0	70,244.6
22	Vologda oblast	108.6	87,419.5
23	Kaliningrad oblast	13,595.0	34,851.0
24	Leningrad Oblast	478.7	130,887.7
25	Murmansk Oblast	N/A	8,442.6
26	Novgorod oblast	839.3	7,809.4
27	Pskov oblast	653.3	30,884.7
28	St. Petersburg	N/A	8,632.3
	North-Caucasian Federal District	39,483.6	331,854.4
29	The Republic of Dagestan	1,656.9	61,988.1
30	The Republic of Ingushetiya	N/A	2,006.7
31	The Republic of Kabardino-Balkaria	1,461.4	54,366.4
32	The Republic of Karachay-Cherkessia	5,450.8	73,565.5
33	The Republic of North Ossetia-Alania	1,499.6	9,577.7
34	The Republic of Chechen	N/A	2,038.5
35	Stavropol oblast	29,414.9	128,311.5
	Southern Federal District	128,619.7	260,225.1
36	The Republic of Adygea	825.8	3,114.2
37	The Republic of Kalmykia	79,396.7	72,741.4
38	Krasnodar oblast	4,358.9	92,530.4
39	Astrakhan oblast	7,040.6	39,160.4
40	Volgograd oblast	7,272.1	29,488.2
41	Rostov oblast	29,725.6	23,190.5
	Volga Federal District	35,971.4	878,525.4
42	The Republic of Bashkortostan	2,243.7	142,920.0
43	The Republic of Mari El	896.8	45,958.7
44	The Republic of Mordovia	2,264.4	81,910.6
45	The Republic of Tatarstan	1,285.2	140,112.8
46	Udmurt Republic	49.2	50,404.1
	1		,

47	Chuvash Republic	63.6	38,337.4
48	Kirov oblast	4,420.9	171,252.7
49	Nizhny Novgorod oblast	20.1	59,491.0
50	Orenburg oblast	15,536.5	22,147.9
51	Penza oblast	N/A	19,987.4
52	Perm Kray	597.6	28,122.5
53	Samara oblast	3,098.0	12,979.5
54	Saratov oblast	4,997.2	38,450.6
55	Ulyanovsk oblast	498.2	26,450.2
	The Ural Federal District	22,061.3	114,361.3
56	Kurgan oblast	1,425.5	8,348.7
57	Sverdlovsk oblast	172.9	70,974.4
58	Tyumen Oblast	2,064.3	13,441.9
59	Chelyabinsk oblast	18,398.6	15,093.1
60	Yamalo-Nenetsk Autonomous oblast	N/A	6,503.2
	The Siberian Federal District	74,160.7	525,642.9
61	Altai Republic	7,551.5	23,884.0
62	The Republic of Buryatia	24,221.3	38,668.3
63	The Republic of Tuva	223.9	47,577.5
64	The Republic of Khakassia	6,194.5	9,483.5
65	Altay Kray	9,842.4	118,449.6
66	Krasnoyarsk Kray	1,134.9	65,285.6
67	Irkutsk Oblast	428.1	36,503.2
68	Kemerovo oblast	30.7	17,599.9
69	Novosibirsk oblast	4,767.8	38,830.1
70	Omsk Oblast	522.1	56,976.5
71	Tomsk oblast	5,209.7	30,003.4
72	Trans-Baikal Territory	14,033.8	42,381.3
	The Far Eastern Federal District	8,650.9	83,089.1
73	The Republic of Sakha	72.5	23,040.7
74	Primorsky Krai	439.3	9,070.3
75	Khabarovsk Krai	8,091.2	9,281.4
76	Amur oblast	47.9	6,401.2
77	Kamchatka Kry	N/A	7,593.9
78	Sakhalin oblast	N/A	576.9
79	Chukotka autonomous district	N/A	27,124.7

Sourse: The Russian Ministry of Agriculture www.mcx.ru

Table 4. Cattle inventories, All Producers, by oblast in 1,000 head

FEDERAL DISTRICT/Oblast 2011 2012 12/11, % 2011 2012 12/11, % RUSSIAN FEDERATION 20,133.8 19,977.1 99.2 8,988.0 8,895.4 99.0 CENTRAL FEDERAL DISTRICT 2,845.8 2854.7 100.3 1,240.9 1212.7 97.7 Belgorod oblast 235.1 233.5 99.3 102.3 97.9 95.3 Bryansk oblast 213.3 252.5 118.4 95.5 98.9 103.3 Vladimir oblast 145.1 141.9 97.8 62.7 61.2 97.7 Voronezh oblast 386.2 421.5 109.1 155.0 163.4 105.4 Ivanovo oblast 76.2 72.3 94.9 34.9 32.8 94.2 Kaluga oblast 131.8 132.4 100.4 57.9 57.4 99. Kostroma oblast 66.8 62.8 94.0 31.8 29.7 93.3 Kursk oblast 199.7 193.9 97.1 90.3 <	1 able 4. Cattle inventories, A	T Toudec	Cattle	5t III 1,000	Including cows				
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Voronezh oblast 386.2 421.5 109.1 155.0 163.4 105.4 Ivanovo oblast 76.2 72.3 94.9 34.9 32.8 94.2 Kaluga oblast 131.8 132.4 100.4 57.9 57.4 99. Kostroma oblast 66.8 62.8 94.0 31.8 29.7 93.3 Kursk oblast 199.7 193.9 97.1 90.3 84.7 93.3 Lipetsk oblast 143.7 138.2 96.2 54.7 52.1 95.3 Moscow oblast 260.6 238.9 97.1 121.0 110.9 96.6 Orel oblast 134.9 132.0 97.9 53.7 53.0 98.7 Ryazan oblast 177.7 175.6 98.8 74.9 73.0 97.5 Smolensk oblast 141.3 137.9 97.6 78.7 74.6 94.8 Tambov oblast 144.1 141.7 98.3 49.2 48.1 97.	Bryansk oblast	213.3	252.5	118.4	95.5	98.9	103.5		
Ivanovo oblast 76.2 72.3 94.9 34.9 32.8 94.2 Kaluga oblast 131.8 132.4 100.4 57.9 57.4 99. Kostroma oblast 66.8 62.8 94.0 31.8 29.7 93.3 Kursk oblast 199.7 193.9 97.1 90.3 84.7 93.3 Lipetsk oblast 143.7 138.2 96.2 54.7 52.1 95.2 Moscow oblast 260.6 238.9 97.1 121.0 110.9 96.0 Orel oblast 134.9 132.0 97.9 53.7 53.0 98.7 Ryazan oblast 177.7 175.6 98.8 74.9 73.0 97.5 Smolensk oblast 141.3 137.9 97.6 78.7 74.6 94.8 Tambov oblast 144.1 141.7 98.3 49.2 48.1 97.6 Tver oblast 158.6 144.0 90.8 74.1 68.2 92.6	Vladimir oblast	145.1	141.9	97.8	62.7	61.2	97.7		
Kaluga oblast 131.8 132.4 100.4 57.9 57.4 99. Kostroma oblast 66.8 62.8 94.0 31.8 29.7 93.3 Kursk oblast 199.7 193.9 97.1 90.3 84.7 93.8 Lipetsk oblast 143.7 138.2 96.2 54.7 52.1 95.3 Moscow oblast 260.6 238.9 97.1 121.0 110.9 96.0 Orel oblast 134.9 132.0 97.9 53.7 53.0 98.3 Ryazan oblast 177.7 175.6 98.8 74.9 73.0 97.5 Smolensk oblast 141.3 137.9 97.6 78.7 74.6 94.8 Tambov oblast 144.1 141.7 98.3 49.2 48.1 97.0 Tver oblast 158.6 144.0 90.8 74.1 68.2 92.0 Tula oblast 100.9 96.1 95.2 44.9 42.2 93.9 Ya	Voronezh oblast	386.2	421.5	109.1	155.0	163.4	105.4		
Kostroma oblast 66.8 62.8 94.0 31.8 29.7 93.3 Kursk oblast 199.7 193.9 97.1 90.3 84.7 93.3 Lipetsk oblast 143.7 138.2 96.2 54.7 52.1 95.3 Moscow oblast 260.6 238.9 97.1 121.0 110.9 96.0 Orel oblast 134.9 132.0 97.9 53.7 53.0 98.7 Ryazan oblast 177.7 175.6 98.8 74.9 73.0 97.5 Smolensk oblast 141.3 137.9 97.6 78.7 74.6 94.3 Tambov oblast 144.1 141.7 98.3 49.2 48.1 97.6 Tver oblast 158.6 144.0 90.8 74.1 68.2 92.6 Tula oblast 100.9 96.1 95.2 44.9 42.2 93.9 Yaroslavl oblast 130.0 127.2 97.9 59.2 58.9 99.3 <td< td=""><td>Ivanovo oblast</td><td>76.2</td><td>72.3</td><td>94.9</td><td>34.9</td><td>32.8</td><td>94.2</td></td<>	Ivanovo oblast	76.2	72.3	94.9	34.9	32.8	94.2		
Kursk oblast 199.7 193.9 97.1 90.3 84.7 93.8 Lipetsk oblast 143.7 138.2 96.2 54.7 52.1 95.3 Moscow oblast 260.6 238.9 97.1 121.0 110.9 96.0 Orel oblast 134.9 132.0 97.9 53.7 53.0 98.7 Ryazan oblast 177.7 175.6 98.8 74.9 73.0 97.5 Smolensk oblast 141.3 137.9 97.6 78.7 74.6 94.8 Tambov oblast 144.1 141.7 98.3 49.2 48.1 97.6 Tver oblast 158.6 144.0 90.8 74.1 68.2 92.0 Tula oblast 100.9 96.1 95.2 44.9 42.2 93.9 Yaroslavl oblast 130.0 127.2 97.9 59.2 58.9 99.3 Moscow 12.6 86.0 5.6 89.9 NORTHWEST FEDERAL 056.3	Kaluga oblast	131.8	132.4	100.4	57.9	57.4	99.1		
Lipetsk oblast 143.7 138.2 96.2 54.7 52.1 95.3 Moscow oblast 260.6 238.9 97.1 121.0 110.9 96.6 Orel oblast 134.9 132.0 97.9 53.7 53.0 98.3 Ryazan oblast 177.7 175.6 98.8 74.9 73.0 97.5 Smolensk oblast 141.3 137.9 97.6 78.7 74.6 94.8 Tambov oblast 144.1 141.7 98.3 49.2 48.1 97.6 Tver oblast 158.6 144.0 90.8 74.1 68.2 92.6 Tula oblast 100.9 96.1 95.2 44.9 42.2 93.9 Yaroslavl oblast 130.0 127.2 97.9 59.2 58.9 99.3 Moscow 12.6 86.0 5.6 89.9 NORTHWEST FEDERAL DISTRICT 696.3 691.3 99.3 335.5 320.7 95.6	Kostroma oblast	66.8	62.8	94.0	31.8	29.7	93.3		
Moscow oblast 260.6 238.9 97.1 121.0 110.9 96.0 Orel oblast 134.9 132.0 97.9 53.7 53.0 98.7 Ryazan oblast 177.7 175.6 98.8 74.9 73.0 97.5 Smolensk oblast 141.3 137.9 97.6 78.7 74.6 94.8 Tambov oblast 144.1 141.7 98.3 49.2 48.1 97.6 Tver oblast 158.6 144.0 90.8 74.1 68.2 92.6 Tula oblast 100.9 96.1 95.2 44.9 42.2 93.9 Yaroslavl oblast 130.0 127.2 97.9 59.2 58.9 99.3 Moscow 12.6 86.0 5.6 89.9 NORTHWEST FEDERAL DISTRICT 696.3 691.3 99.3 335.5 320.7 95.0	Kursk oblast	199.7	193.9	97.1	90.3	84.7	93.8		
Orel oblast 134.9 132.0 97.9 53.7 53.0 98.7 Ryazan oblast 177.7 175.6 98.8 74.9 73.0 97.5 Smolensk oblast 141.3 137.9 97.6 78.7 74.6 94.8 Tambov oblast 144.1 141.7 98.3 49.2 48.1 97.6 Tver oblast 158.6 144.0 90.8 74.1 68.2 92.0 Tula oblast 100.9 96.1 95.2 44.9 42.2 93.9 Yaroslavl oblast 130.0 127.2 97.9 59.2 58.9 99.5 Moscow 12.6 86.0 5.6 89.9 NORTHWEST FEDERAL DISTRICT 696.3 691.3 99.3 335.5 320.7 95.0	Lipetsk oblast	143.7	138.2	96.2	54.7	52.1	95.3		
Ryazan oblast 177.7 175.6 98.8 74.9 73.0 97.5 Smolensk oblast 141.3 137.9 97.6 78.7 74.6 94.8 Tambov oblast 144.1 141.7 98.3 49.2 48.1 97.6 Tver oblast 158.6 144.0 90.8 74.1 68.2 92.6 Tula oblast 100.9 96.1 95.2 44.9 42.2 93.9 Yaroslavl oblast 130.0 127.2 97.9 59.2 58.9 99.3 Moscow 12.6 86.0 5.6 89.9 NORTHWEST FEDERAL DISTRICT 696.3 691.3 99.3 335.5 320.7 95.0	Moscow oblast	260.6	238.9	97.1	121.0	110.9	96.6		
Smolensk oblast 141.3 137.9 97.6 78.7 74.6 94.8 Tambov oblast 144.1 141.7 98.3 49.2 48.1 97.6 Tver oblast 158.6 144.0 90.8 74.1 68.2 92.0 Tula oblast 100.9 96.1 95.2 44.9 42.2 93.9 Yaroslavl oblast 130.0 127.2 97.9 59.2 58.9 99.3 Moscow 12.6 86.0 5.6 89.9 NORTHWEST FEDERAL DISTRICT 696.3 691.3 99.3 335.5 320.7 95.0	Orel oblast	134.9	132.0	97.9	53.7	53.0	98.7		
Tambov oblast 144.1 141.7 98.3 49.2 48.1 97.6 Tver oblast 158.6 144.0 90.8 74.1 68.2 92.6 Tula oblast 100.9 96.1 95.2 44.9 42.2 93.9 Yaroslavl oblast 130.0 127.2 97.9 59.2 58.9 99.3 Moscow 12.6 86.0 5.6 89.9 NORTHWEST FEDERAL DISTRICT 696.3 691.3 99.3 335.5 320.7 95.0	Ryazan oblast	177.7	175.6	98.8	74.9	73.0	97.5		
Tver oblast 158.6 144.0 90.8 74.1 68.2 92.0 Tula oblast 100.9 96.1 95.2 44.9 42.2 93.9 Yaroslavl oblast 130.0 127.2 97.9 59.2 58.9 99.3 Moscow 12.6 86.0 5.6 89.9 NORTHWEST FEDERAL DISTRICT 696.3 691.3 99.3 335.5 320.7 95.0	Smolensk oblast	141.3	137.9	97.6	78.7	74.6	94.8		
Tula oblast 100.9 96.1 95.2 44.9 42.2 93.9 Yaroslavl oblast 130.0 127.2 97.9 59.2 58.9 99.3 Moscow 12.6 86.0 5.6 89.9 NORTHWEST FEDERAL DISTRICT 696.3 691.3 99.3 335.5 320.7 95.0	Tambov oblast	144.1	141.7	98.3	49.2	48.1	97.6		
Yaroslavl oblast 130.0 127.2 97.9 59.2 58.9 99.5 Moscow 12.6 86.0 5.6 89.5 NORTHWEST FEDERAL DISTRICT 696.3 691.3 99.3 335.5 320.7 95.0	Tver oblast	158.6	144.0	90.8	74.1	68.2	92.0		
Moscow 12.6 86.0 5.6 89.9 NORTHWEST FEDERAL DISTRICT 696.3 691.3 99.3 335.5 320.7 95.6	Tula oblast	100.9	96.1	95.2	44.9	42.2	93.9		
NORTHWEST FEDERAL DISTRICT 696.3 691.3 99.3 335.5 320.7 95.6	Yaroslavl oblast	130.0	127.2	97.9	59.2	58.9	99.5		
DISTRICT 696.3 691.3 99.3 335.5 320.7 95.6	Moscow		12.6	86.0		5.6	89.9		
The Republic of Karelia $\begin{bmatrix} 254 \\ 279 \end{bmatrix}$ $\begin{bmatrix} 200 \\ 200 \end{bmatrix}$ $\begin{bmatrix} 114 \\ 105 \end{bmatrix}$ $\begin{bmatrix} 204 \\ 200 \end{bmatrix}$							95.6		
	The Republic of Karelia	25.4	22.9	90.2	11.4	10.5	92.5		
	•			97.9			95.8		
Č .	Č	54.3	52.6	97.0	25.7	24.2	94.3		
including Nenets Autonomous Okrug 1.6 1.5 93.0 0.7 0.7 96.1	•	1.6	1.5	02.0	0.7	0.7	96.1		
	<u> </u>								
							96.0		
							101.3		
	ů .						96.7		
							99.6		
							94.3		
Pskov oblast 102.3 95.7 93.6 53.0 48.5 91.4 SOUTHERN FEDERAL 95.7 93.6 95.7 93.6 95.7 95.		102.3	95.7	93.6	53.0	48.5	91.4		
		2,452.5	2,465.5	100.5	1,238.0	1271.9	102.7		
							100.7		
	, , , ,						103.6		
	-						95.3		

Astrakhan oblast	262.5	272.1	103.7	139.9	144.8	103.5
Volgograd oblast	332.1	353.1	106.3	164.1	178.7	108.8
Rostov oblast	597.6	607.1	101.6	273.8	286.4	104.6
NORTH-CAUCASIAN						
FEDERAL DISTRICT	2,227.7	2,264.5	101.7	1,096.9	1,123.8	102.5
The Republic of Dagestan	910.5	951.2	104.5	425.0	449.8	105.8
The Republic of Ingushetia	56.0	46.3	82.6	33.0	26.3	79.7
Kabardino-Balkaria	266.1	276.7	104.0	129.3	133.7	103.4
Karachay-Cherkessia	251.2	256.3	102.0	139.5	146.8	105.2
Republic of North Ossetia-	120.0	120.4	00.6	60.0	60 2	100.6
Alania	138.9	138.4	99.6	68.8	69.2	100.6
The Chechen Republic	222.1	223.4	100.6	109.5	109.1	99.6
Stavropol oblast	382.8	372.2	97.2	191.8	189.0	98.5
THE VOLGA FEDERAL DISTRICT	6,039.1	5,895.1	97.6	2,510.7	2,445.3	97.4
The Republic of Bashkortostan	1,248.2	1,253.9	100.4	496.3	496.5	100.1
The Republic of Mari El	99.2	96.1	96.8	43.4	40.9	94.3
The Republic of Mordovia	299.0	286.0	95.6	106.0	102.9	97.0
The Republic of Tatarstan	1,092.3	,073.4	98.3	411.1	407.0	99.0
Udmurt Republic	377.2	379.9	100.7	149.0	149.2	100.1
Chuvash Republic	222.9	210.2	94.3	116.6	110.1	94.4
Perm	263.7	261.4	99.1	109.9	107.4	97.7
Kirov oblast	261.0	256.1	98.1	101.9	98.8	96.9
Nizhny Novgorod oblast	314.3	308.2	98.0	133.8	134.9	100.8
Orenburg oblast	655.5	638.4	97.4	289.3	282.0	97.5
Penza oblast	287.6	286.3	99.5	128.4	126.1	98.2
Samara oblast	214.2	230.2	107.5	105.0	107.2	102.1
Saratov oblast	549.2	457.7	83.3	252.8	214.7	85.0
Ulyanovsk oblast	154.8	157.5	101.7	67.4	67.9	100.7
URAL FEDERAL DISTRICT	1,090.2	1,082.2	99.3	498.7	488.2	97.9
Kurgan oblast	202.4	192.0	94.9	93.1	89.2	95.8
Sverdlovsk oblast	257.8	272.4	105.7	117.2	119.2	101.6
Tyumen oblast	269.5	266.5	98.9	122.2	119.4	97.7
including Khanty-Mansi						
Autonomous Okrug - Yugra	12.1	13.7	113.7	5.6	6.3	112.0
Yamal-Nenets Autonomous	1.0	4.0	100 5	0 =	0.7	4404
district	1.0	1.0	100.6	0.5	0.5	110.1
Chelyabinsk oblast	360.4	351.1	97.4	166.1	160.5	96.6
SIBERIAN FEDERAL DISTRICT	4,319.0	4,270.8	98.9	1,871.0	1,837.0	98.2
Altai Republic	230.5	247.3	107.3	113.4	122.1	107.7
	230.3					
The Republic of Buryatia	385.0	397.1	103.1	167.0	167.0	100.0

The Republic of Khakassia	171.9	176.1	102.5	72.1	72.4	100.3
Altay Kray	902.5	860.1	95.3	386.7	373.2	96.5
Trans-Baikal Territory	457.0	472.1	103.3	181.0	186.5	103.0
Krasnoyarsk Territory	439.3	440.1	100.2	174.6	172.7	98.9
Irkutsk oblast	278.8	281.5	101.0	132.7	133.8	100.9
Kemerovo oblast	209.1	196.2	93.8	100.3	94.1	93.8
Novosibirsk oblast	552.7	524.9	95.0	219.8	215.5	98.0
Omsk oblast	447.8	423.8	94.6	217.2	189.9	87.5
Tomsk oblast	100.6	100.0	99.4	44.5	44.2	99.5
EASTERN FEDERAL DISTRICT	463.2	453.0	97.8	196.4	195.7	99.7
The Republic of Sakha						
(Yakutia)	233.3	215.4	92.3	87.2	86.1	98.7
Kamchatka	9.5	9.7	101.4	4.1	4.2	102.9
Primorsky Krai	61.3	65.8	107.4	30.6	31.8	103.9
Khabarovsk Krai	26.9	27.0	100.1	13.7	13.0	95.2
Amur oblast	96.0	101.7	105.9	45.3	46.0	101.5
Magadan oblast	3.8	3.6	96.6	1.7	1.7	100.1
Sakhalin oblast	17.7	17.6	99.6	7.4	7.5	101.4
The Jewish Autonomous oblast	14.6	12.2	83.7	6.4	5.4	85.0
Chukotka Autonomous oblast	0.04	0.04	97.7	0.03	0.03	93.5

Table 5. Cattle inventories, agricultural establishments, by oblast in 1,000 head

	Cattle		, ,	Including c	ows	
	2011	2012	12/11, %	2011	2012	12/11, %
RUSSIAN						
FEDERATION	9,165.1	9,048.8	98.7	3,712.1	3,639.1	98.0
CENTRAL FEDERAL						
DISTRICT	2,022.3	2,044.6	101.1	848.4	837.1	98.7
Belgorod oblast	157.1	156.6	99.7	65.3	64.3	98.5
Bryansk oblast	162.5	199.2	122.5	61.1	63.5	104.0
Vladimir oblast	133.4	130.7	98.0	56.4	55.1	97.7
Voronezh oblast	222.9	255.6	114.7	80.6	90.8	112.7
Ivanovo oblast	57.6	54.8	95.2	25.9	24.4	94.4
Kaluga oblast	114.8	113.1	98.6	48.0	46.5	96.8
Kostroma oblast	51.6	48.6	94.2	24.5	23.0	93.9
Kursk oblast	111.6	109.5	98.1	45.1	43.3	96.0
Lipetsk oblast	88.3	85.0	96.2	35.6	34.3	96.4
Moscow oblast	243.2	220.8	96.4	111.2	100.5	95.5
Orel oblast	92.8	91.9	99.0	34.9	34.7	99.5
Ryazan oblast	151.2	150.3	99.4	62.8	61.8	98.4
Smolensk oblast	106.1	104.6	98.5	52.1	50.4	96.7

Tambov oblast	29.3	29.8	101.5	11.7	11.1	94.4
Tver oblast	117.2	106.9	91.2	52.4	48.5	92.5
Tula oblast	73.1	66.5	91.0	29.9	28.0	93.5
Yaroslavl oblast	109.5	108.7	99.2	51.0	51.5	101.0
Moscow		12.2	85.6		5.4	89.4
NORTHWEST						
FEDERAL DISTRICT	556.1	553.2	99.5	260.8	248.7	95.4
The Republic of Karelia	19.4	18.0	92.5	9.0	8.5	94.5
The Republic of Komi	20.4	20.5	101.0	9.5	9.4	98.8
Arkhangelsk oblast	36.3	35.1	96.6	16.8	15.6	93.1
including Nenets	1.5	1.4	02.0	0.7	0.7	060
Autonomous Okrug	1.5	1.4	92.8	0.7	0.7	96.0
Vologda oblast	161.6	157.4	97.4	77.0	74.3	96.5
Kaliningrad oblast	32.0	43.0	134.5	14.3	14.3	100.0
Leningrad oblast	166.0	166.5	100.3	75.9	73.8	97.1
Murmansk oblast	7.1	6.9	97.9	3.6	3.6	99.7
Novgorod oblast	29.3	28.6	97.6	15.4	14.2	91.8
Pskov oblast	84.0	77.1	91.8	39.3	35.1	89.5
SOUTHERN FEDERAL	725.6	602.0	0.4.2	200.1	27.60	05.1
DISTRICT	735.6	692.8	94.2	290.1	276.0	95.1
The Republic of Adygea	5.5	5.8	105.1	2.0	1.9	94.8
The Republic of Kalmykia	101.7	90.0	88.5	49.1	45.3	92.2
Krasnodar oblast	431.5	403.3	93.5	161.1	152.2	94.5
Astrakhan oblast	15.6	17.1	109.1	7.0	7.9	113.7
Volgograd oblast	51.0	51.6	101.1	20.8	20.2	97.1
Rostov oblast	130.2	125.1	96.0	50.2	48.6	96.7
NORTH-CAUCASIAN						
FEDERAL DISTRICT	330.1	363.1	110.0	148.2	162.9	109.9
The Republic of	107.6	122.0	127.0	547	72.0	100.7
Dagestan The Republic of	105.6	132.8	125.8	54.7	73.2	133.7
Ingushetia	1.4	1.0	72.1	0.4	0.3	78.4
Kabardino-Balkaria	41.9	44.6	106.5	15.6	16.3	104.4
Karachay-Cherkessia	37.0	35.2	95.1	24.9	20.3	81.8
Republic of North	37.0	33.2	73.1	24.7	20.3	01.0
Ossetia-Alania	20.0	18.8	93.7	7.2	5.6	78.0
The Chechen Republic	7.8	11.8	150.7	2.0	2.4	119.0
Stavropol oblast	116.3	118.9	102.2	43.5	44.8	103.1
The Volga FEDERAL						
DISTRICT	3,119.5	3,056.5	98.0	1,190.2	1,165.9	98.0
The Republic of		=			100	
Bashkortostan	485.0	475.8	98.1	184.9	180.1	97.4
The Republic of Mari El	50.6	49.7	98.1	21.9	20.6	93.8
The Republic of	196.7	187.5	95.3	70.8	69.2	97.7

Mordovia						
The Republic of						
Tatarstan	722.6	707.6	97.9	239.6	238.1	99.4
Udmurt Republic	291.5	287.5	98.6	110.1	108.8	98.8
Chuvash Republic	67.2	66.5	99.0	27.4	26.3	96.1
Perm	175.6	179.0	102.0	73.1	73.0	99.9
Kirov oblast	222.6	221.6	99.6	85.4	84.4	98.8
Nizhny Novgorod oblast	234.3	227.1	96.9	99.6	97.8	98.1
Orenburg oblast	318.1	300.3	94.4	120.9	113.8	94.2
Penza oblast	106.9	102.8	96.1	50.2	47.1	93.7
Samara oblast	89.0	95.3	107.0	38.6	40.8	105.6
Saratov oblast	100.5	97.4	96.9	42.9	41.1	95.7
Ulyanovsk oblast	58.9	58.4	99.2	24.5	24.9	101.4
URAL FEDERAL						
DISTRICT	540.2	538.0	99.6	229.8	226.6	98.6
Kurgan oblast	54.9	52.7	95.9	23.4	22.6	96.8
Sverdlovsk oblast	183.4	188.9	103.0	80.6	81.9	101.6
Tyumen oblast	139.3	138.7	99.5	59.0	57.8	97.8
including Khanty-Mansi						
Autonomous Okrug - Yugra	3.3	3.1	94.7	1.4	1.2	87.6
Yamal-Nenets	3.3	3.1	74.7	1.4	1.2	67.0
Autonomous district	0.9	0.9	100.6	0.4	0.5	114.4
Chelyabinsk oblast	162.6	157.7	97.0	66.7	64.3	96.5
SIBERIAN FEDERAL						
DISTRICT	1,731.4	1,669.7	96.4	688.1	666.4	96.8
Altai Republic	30.0	30.9	103.1	13.0	13.4	102.3
The Republic of Buryatia	58.1	58.6	100.7	23.2	22.8	98.2
The Republic of Tuva	16.8	17.2	100.7	7.8	8.0	102.6
The Republic of	10.8	17.2	102.4	7.0	0.0	102.0
Khakassia	38.6	37.9	98.2	15.2	14.4	94.4
Altay Kray	465.4	437.3	94.0	181.8	173.9	95.7
Trans-Baikal Territory	59.1	58.3	98.7	22.1	21.9	98.8
Krasnoyarsk Territory	238.8	238.8	100.0	89.5	87.8	98.1
Irkutsk oblast	67.9	67.0	98.7	29.2	29.6	101.3
Kemerovo oblast	92.1	81.1	88.1	42.4	37.2	87.6
Novosibirsk oblast	386.7	372.5	96.3	148.2	146.4	98.8
Omsk oblast	226.9	219.7	96.8	95.0	90.5	95.2
Tomsk oblast	50.9	50.4	99.1	20.6	20.6	100.0
EASTERN FEDERAL						
DISTRICT	130.1	130.9	100.6	56.4	55.4	98.2
The Republic of Sakha	50.1	157	01.2	22.2	21.1	05.0
(Yakutia)	50.1	45.7	91.3	22.2	21.1	95.0

Kamchatka	5.3	5.3	101.2	2.2	2.3	100.8
Primorsky Krai	18.3	19.5	106.2	7.7	8.0	104.1
Khabarovsk Krai	16.4	16.5	100.6	8.7	8.0	92.3
Amur oblast	27.5	31.4	114.1	10.5	10.9	103.7
Magadan oblast	1.2	1.0	89.5	0.5	0.5	93.8
Sakhalin oblast	9.5	9.7	102.1	3.9	3.9	101.1
The Jewish Autonomous						
oblast	1.8	1.8	97.7	0.6	0.7	108.5
Chukotka Autonomous						
oblast	0.02	0.02	95.7	0.01	0.01	83.3

Table 6. U.S. exports of breeding livestock and genetic material to Russian, \$1,000

Table 6. U.S. exports of breeding fivestock and genetic material to Russian, \$1,000									
Product	2008	2009	2010	2011	2012	Jan - Apr 2012	Jan - Apr 2013	Chang e (Value Period/ Period) %	
Breeding Beef Cattle, Female	1,250	1,261	4,799	42,927	165,853	21,792	23,735	9	
Breeding DairyCattle, Female	0	995	3,594	27,668	57,939	25,988	7,738	-70	
Other Cattle	8,827	6,433	1,105	21,669	27,762	12,935	0		
Breeding Beef Cattle, Bull	80	454	381	0	7,163	0	6,737		
Breeding Dairy Cattle, Bull	0	770	0	297	3,573	362	0		
Bull Semen	688	977	1,454	1,488	2,305	270	652	141	
Cattle Embryos	0	350	181	277	0	0	0		

Source: U.S. Census Data

Table 7. Russian Imports from World Via Oblast: Commodity: 010221, Cattle, Live, Purebred Breeding Calendar Year: 2012, number of head

Oblast	2012	% Share
All Oblasts	136,982	100
Bryansk oblast	43,763	31.95
Moscow	24,105	17.6
Voronezh oblast	14,666	10.71

Moskov oblast 10,870 7.94 Tumen oblast 4,754 3.47 The Republic of Tatarstan 4,168 3.04 Volgograd oblast 3,100 2.26 Vladimir oblast 2,718 1.98 Penza oblast 2,072 1.51 Belgorod oblast 1,699 1.24 Ryazan oblast 1,626 1.19 Novgorod oblast 997 0.73 Krasnodarsky krai 778 0.57 Kemerovo oblast 767 0.56 Samara oblast 742 0.54 Saint-Petersburg 604 0.44 Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Swerdlovsk oblast 335 0.24 K	Kaliningrad oblast	13,680	9.99
Tumen oblast 4,754 3.47 The Republic of Tatarstan 4,168 3.04 Volgograd oblast 3,100 2.26 Vladimir oblast 2,718 1.98 Penza oblast 2,072 1.51 Belgorod oblast 1,699 1.24 Ryazan oblast 1,626 1.19 Novgorod oblast 997 0.73 Krasnodarsky krai 778 0.57 Kemerovo oblast 767 0.56 Samara oblast 742 0.54 Saint-Petersburg 604 0.44 Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Kursk oblast 318 0.23 The Rep		·	
Volgograd oblast 3,100 2.26 Vladimir oblast 2,718 1.98 Penza oblast 2,072 1.51 Belgord oblast 1,699 1.24 Ryazan oblast 1,626 1.19 Ryazan oblast 997 0.73 Krasnodarsky krai 778 0.57 Kemerovo oblast 767 0.56 Samara oblast 742 0.54 Saint-Petersburg 604 0.44 Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 318 0.23 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga obl	Tumen oblast		
Vladimir oblast 2,718 1.98 Penza oblast 2,072 1.51 Belgorod oblast 1,699 1.24 Ryazan oblast 1,626 1.19 Novgorod oblast 997 0.73 Krasnodarsky krai 778 0.57 Kemerovo oblast 767 0.56 Samara oblast 742 0.54 Saint-Petersburg 604 0.44 Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 132 0.1 Tomsk	The Republic of Tatarstan	4,168	3.04
Penza oblast 2,072 1.51 Belgorod oblast 1,699 1.24 Ryazan oblast 1,626 1.19 Novgorod oblast 997 0.73 Krasnodarsky krai 778 0.57 Kemerovo oblast 767 0.56 Samara oblast 742 0.54 Saint-Petersburg 604 0.44 Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 137 0.1 Tula ob	Volgograd oblast	3,100	2.26
Belgorod oblast 1,699 1.24 Ryazan oblast 1,626 1.19 Novgorod oblast 997 0.73 Krasnodarsky krai 778 0.57 Kemerovo oblast 767 0.56 Samara oblast 742 0.54 Saint-Petersburg 604 0.44 Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 137 0.1 Tomsk oblast 132 0.1 Tambov obl	Vladimir oblast	2,718	1.98
Ryazan oblast 1,626 1.19 Novgorod oblast 997 0.73 Krasnodarsky krai 778 0.57 Kemerovo oblast 767 0.56 Samara oblast 742 0.54 Saint-Petersburg 604 0.44 Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99	Penza oblast	2,072	1.51
Novgorod oblast 997 0.73 Krasnodarsky krai 778 0.57 Kemerovo oblast 767 0.56 Samara oblast 742 0.54 Saint-Petersburg 604 0.44 Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 Kursk oblast 318 0.23 Kursk oblast 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast	Belgorod oblast	1,699	1.24
Krasnodarsky krai 778 0.57 Kemerovo oblast 767 0.56 Samara oblast 742 0.54 Saint-Petersburg 604 0.44 Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast	Ryazan oblast	1,626	1.19
Kemerovo oblast 767 0.56 Samara oblast 742 0.54 Saint-Petersburg 604 0.44 Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast <td< td=""><td>Novgorod oblast</td><td>997</td><td>0.73</td></td<>	Novgorod oblast	997	0.73
Samara oblast 742 0.54 Saint-Petersburg 604 0.44 Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Krasnodarsky krai	778	0.57
Saint-Petersburg 604 0.44 Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Kemerovo oblast	767	0.56
Altaisky krai 548 0.4 Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Samara oblast	742	0.54
Lipetsk oblast 533 0.39 Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Saint-Petersburg	604	0.44
Pskov oblast 521 0.38 Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Altaisky krai	548	0.4
Astrakhan oblast 423 0.31 Krasnoyarsky krai 400 0.29 Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Lipetsk oblast	533	0.39
Krasnoyarsky krai 400 0.29 Orel oblast 390 0.28 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Pskov oblast	521	0.38
Orel oblast 400 0.29 Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Astrakhan oblast	423	0.31
Smolensk oblast 390 0.28 The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Krasnoyarsky krai	400	0.29
The Republic of Bashkortostan 384 0.28 Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Orel oblast	400	0.29
Sverdlovsk oblast 335 0.24 Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Smolensk oblast	390	0.28
Kursk oblast 318 0.23 The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	The Republic of Bashkortostan	384	0.28
The Republic of Mordovia 300 0.22 Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Sverdlovsk oblast	335	0.24
Kaluga oblast 295 0.22 Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Kursk oblast	318	0.23
Nizhniy Novgorod oblast 233 0.17 Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	The Republic of Mordovia	300	0.22
Tomsk oblast 137 0.1 Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Kaluga oblast	295	0.22
Tula oblast 132 0.1 Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Nizhniy Novgorod oblast	233	0.17
Tambov oblast 124 0.09 Primorsky krai 100 0.07 Vologograd oblast 99 0.07 The Republic of Karachaevo-Cherkes 92 0.07 Yaroslavl oblast 68 0.05	Tomsk oblast	137	0.1
Primorsky krai1000.07Vologograd oblast990.07The Republic of Karachaevo-Cherkes920.07Yaroslavl oblast680.05	Tula oblast	132	0.1
Vologograd oblast990.07The Republic of Karachaevo-Cherkes920.07Yaroslavl oblast680.05	Tambov oblast	124	0.09
The Republic of Karachaevo-Cherkes920.07Yaroslavl oblast680.05	Primorsky krai	100	0.07
Yaroslavl oblast 68 0.05	Vologograd oblast	99	0.07
	The Republic of Karachaevo-Cherkes	92	0.07
Stavropol krai 29 0.02	Yaroslavl oblast	68	0.05
	Stavropol krai	29	0.02

Source: Russian Customs